

## 2U Rack Mount Server Rackmount

Configuration Number: BASE CONFIG  
SL-2U-MCX-C7412L2T-DN



### Type:

- 2U Rack Mount Server
- Depth: 17.72"

### Motherboard:

- Featuring Intel C741 Chipset and Intel Xeon Scalable Processors 5th/4th Gen LGA-4677 (Socket E), CPU TDP supports up to 350W TDP processor
- **Low Profile Slots:**
  - 4 - PCIe x16
- **LAN:** 5x Ports (10GbE + 10GbE + 1GbE + 1GbE + IPMI)
- **RAID:** 0,1,5,10 and NVMe 0,1 RAID Intel VROC
- **Video:** VGA
- **Audio:** No Onboard Audio
- **Ports:**
  - 2x USB 2.0 Ports ( 2 Internal Headers )
  - 4x USB 3.2 Gen 1 Ports ( 2 Front, 2 Rear )
  - 1x COM Port (RS232 Internal Headers)
  - See specifications for more ports
- **Operating Temperature:** 10°C to 35°C (50°F to 95°F)

### Configuration summary:

- **Processor:** Intel Xeon Silver 4410T Processor (26.25M Cache, 2.7 GHz) 10 Cores, 150W
- **Memory:** 4 x 16GB DDR5 4800MHz ECC Registered RAM
- **Hard Drive:** 1TB PCIe 4.0 NVMe SSD M.2 7,450/6,900MB/s - Samsung 990 PRO
- **Power Supply:** 800W 1+1 redundant PSU 80+ Platinum
- **Operating System:** Not Included -

- **Warranty:** One-Year Depot Warranty

# Technical Specifications

## MotherBoard Specifications:

### Motherboard Model

- Motherboard Type: SSI CEB
- Long Production Cycle

### Supported CPU

- Number of Processors: 1
- Processor Type: Intel Xeon Scalable Processors 5th/4th Gen LGA-4677 (Socket E), CPU TDP supports up to 350W TDP

### Chipset

- Chipset: Intel C741 Chipset

### Memory

- Memory Type: DDR5 5600MHz ECCR
- Memory Type: ECC Registered
- DIMMS: 8
- Maximum Memory: 96GB

### On Board Audio

- Audio Type: No Onboard Audio

### On Board Video

- Video Chipset: ASPEED AST2600 BMC
- Video on IO: VGA
- VGA Port Out: 1

### LAN

- LAN Ports: 5
- LAN Type: 10GbE + 10GbE + 1GbE + 1GbE + IPMI
- LAN Chipset: Broadcom BCM57416 (10GbE)
- Second LAN Chipset: Broadcom BCM57416 (10GbE)
- Third LAN Chipset: Intel i210
- Fourth LAN Chipset: Intel i210
- Wireless LAN: No Integrated WLAN

### Drive Interface

- SATA III Ports (6GB): 12
- RAID
- RAID Type: Software RAID
- RAID Levels Supported on Motherboard: 0, 1, 5, 10

## Chassis Specifications:

### General

- Form Factor: 2U Rackmount
- Color: Black
- Material: Metal/Steel
- Material Thickness: 1mm
- Motherboard Compatibility: E-ATX
- Redundant Power Supply Capable
- Slide Rails: Optional

### Expansion

- Low Profile Slots: 7
- 2.5" Hot Swap Bays: 4

### Front Ports

- USB 3.2 Ports (Front): 2

### Cooling System

- Maximum Fan Count: 4
- Included Fans: 4

### Physical

- Depth: 450mm
- Depth (Inches): 17.7
- Width: 438mm
- Height: 88mm
- Shipping Box - Depth: 580mm
- Shipping Box - Width: 655mm
- Shipping Box - Height: 244mm
- Shipping Weight: 29lbs

### Power

- Built-in Chassis Power Supply: 800W 1+1 redundant PSU 80+ Platinum
- Remote Server Management:

### **Expansion Slots**

- PCI Express x16 Slots On Motherboard: 4

### **M.2 Slot Specs**

- Total M.2 NVMe SSD Slots: 2
- M.2 Slot #1 Specs
- M.2 SATA SSD
- PCIe Signal
- 2242 - 22 mm x 42 mm.
- 2280 - 22 mm x 80 mm.
- 22110 - 22 mm x 110 mm.
- M.2 Slot #2 Specs
- M.2 SATA SSD
- PCIe Signal
- 2280 - 22 mm x 80 mm.
- 22110 - 22 mm x 110 mm.

### **Rear IO**

- USB 3.2 Gen 1 Type A Ports (on IO): 2

### **Headers**

- USB 2.0 Ports (on Headers): 2
- USB 3.2 Gen 1 Ports (on Headers): 2
- Serial (via Headers): 1
- FAN Connectors: 6
- TPM Support: Via 2.0 Header

### **Environmental**

- Operating Temperature: 10°C to 35°C (50°F to 95°F )
- High Humidity: 90%
- Low Humidity: 20%

### **Operating System Support**

- Windows Server 2022 STD
- RED HAT Enterprise LINUX WORKSTATION STANDARD
- RED HAT Enterprise LINUX SERVER BASIC
- RED HAT Enterprise LINUX SERVER STANDARD
- Ubuntu Server Edition

### **Compliance of Component**

- CE
- RoHS
- FCC

### **Other Features**

- Features:
  - PCIe
  - SLOT7: PCIe5.0 / CXL1.1 x16 [CPU]
  - SLOT5: PCIe5.0 / CXL1.1 x16 [CPU]
  - SLOT3: PCIe5.0 / CXL1.1 x16 [CPU]
  - SLOT1: PCIe5.0 / CXL1.1 x16 [CPU]

## M.2

1 M-key M2\_1 (PCIe3.0 x4 or SATA 6Gb/s),  
supports 22110/2280/2242 form factor [PCH]

1 M-key M2\_2 (PCIe3.0 x4 or SATA 6Gb/s),  
supports 22110/2280 form factor [PCH]

## Memory

5600 MT/s on 5th Gen Intel Xeon Scalable

Processors

4800 MT/s on 4th Gen Intel Xeon Scalable

Processors

\*Memory speed and capacity support varies by  
CPU SKU

## IPMI

1 RJ45 Dedicated IPMI LAN port by Realtek  
RTL8211F

\* Access to PCI Express slot requires expansion  
slot and a riser in some chassis models. Please  
check Chassis Specification section for more  
information.

If you have any questions, please discuss with our  
Sales Engineers.

- Motherboard Warranty: 1 Year



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